



**OAQ Process Information Application**  
**PI-07: WELDING & CUTTING OF METAL**  
State Form 52547 (2-06)  
**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

**IDEM – Office of Air Quality – Permits Branch**  
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Telephone: (317) 233-0178 or  
Toll Free: 1-800-451-6027 x30178 (within Indiana)  
Facsimile Number: (317) 232-6749  
[www.IN.gov/idem/air/permits/index.html](http://www.IN.gov/idem/air/permits/index.html)

**NOTES:**

- The purpose of this form is to obtain detailed information about the welding and cutting of metal. Complete one form for each process unit (or group of identical process units). This is required form.
- Detailed **instructions** for this form are available online at [www.in.gov/idem/air/permits/apps/instructions/pi07instructions.html](http://www.in.gov/idem/air/permits/apps/instructions/pi07instructions.html).
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

**PART A: Welding Information**

Part A identifies all the welding processes and the corresponding information for each process. If a component is not applicable, state N/A in the space provided.

1. Unit ID	2. Welding Method	3. Number of Stations	4. Installation Date	5. Type of Electrode Used	6. Maximum Consumption (lb/hr)

**PART B: Flame Cutting Information**

Part B identifies the flame cutting process and the information corresponding to the process. You may summarize the process units if they are of the same type, capacity, use, and installation dates. Use additional forms as necessary.

7. Unit ID	8. Type of Flame Cutting	9. Number of Stations	10. Installation Date	11. Maximum Metal Thickness Cut (inches)	12. Maximum Metal Cutting Rate (inches/min)

**PART C: Emission Factors**

Part C identifies all emission factors used to calculate air emissions from the process units listed on this form.

13. Process / Unit ID (Include all units listed above)	14. Air Pollutant	15. Emission Factor		16. Source of Emission Factor (if not using AP-42, include calculations)	
		value	units		
	PM			<input type="checkbox"/> AP-42	<input type="checkbox"/> Other
	PM-10			<input type="checkbox"/> AP-42	<input type="checkbox"/> Other
				<input type="checkbox"/> AP-42	<input type="checkbox"/> Other
				<input type="checkbox"/> AP-42	<input type="checkbox"/> Other
				<input type="checkbox"/> AP-42	<input type="checkbox"/> Other
				<input type="checkbox"/> AP-42	<input type="checkbox"/> Other

### PART D: Emission Controls and Limitations

Part D identifies the control technologies, techniques, and other process limitations corresponding to each process.

**17. Add-On Control Technology:** *Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").*

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<input type="checkbox"/> None <input type="checkbox"/> Baghouse / Fabric Filter – <i>Attach CE-02.</i> <input type="checkbox"/> Cyclone – <i>Attach CE-03.</i> <input type="checkbox"/> Electrostatic Precipitator – <i>Attach CE-04.</i> <input type="checkbox"/> Other (specify): _____ – <i>Attach CE-10.</i>	<input type="checkbox"/> None <input type="checkbox"/> Baghouse / Fabric Filter – <i>Attach CE-02.</i> <input type="checkbox"/> Cyclone – <i>Attach CE-03.</i> <input type="checkbox"/> Electrostatic Precipitator – <i>Attach CE-04.</i> <input type="checkbox"/> Other (specify): _____ – <i>Attach CE-10.</i>

**18. Control Techniques:** *Identify all control techniques used for this process.*

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**19. Process Limitations / Additional Information:**

*Identify any acceptable process limitations. Attach additional information if necessary.*

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### PART E: Federal Rule Applicability

Part E identifies any federal rules that apply to the process.

**20. Is a New Source Performance Standard (NSPS)** applicable to this source?

*If yes, attach a completed FED-01 for each rule that applies.*

☐ Yes ☐ No

☐ 40 CFR Part 60, Subpart \_\_\_\_\_ (Specify):

**21. Is a National Emission Standard for Hazardous Air Pollutants (NESHAP)** applicable to this source? *If yes, attach a completed FED-01 for each rule that applies.*

☐ Yes ☐ No

☐ 40 CFR Part 61, Subpart \_\_\_\_\_ (Specify):

☐ 40 CFR Part 63, Subpart \_\_\_\_\_ (Specify):

**22. Non-Applicability Determination:** *Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.*

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